## REVOLUTION

in the Production of Steam that Will

Lillions of Tons of Coal, Thus Prolong

ssible fuel. At the present increasing te of consumption, it is estimated that ill be exhausted within a century, which ould result in the rapid decline of that ation in prestige, wealth and power, with the loss of which dismemberment ould undoubtedly soon follow. What true of the English empire would her country with the exhaustion of iew of these facts, some estimate of the value of Dr. Blanchard's new system to the world may be formed. It means that

THE BLANCHARD SYSTEM is in actual, practical and successful op-oration in the big brass works of Wallace & Sons, at Ansonia, Conn. Being invited And the control of th

every device of this wonderful system, which is so nicely adjusted in every part that it cannot go wrong, no matter hor careless or unskilled the engineer. "A UNIT OF HEAT,"

as used in chemical parlance, means the amount of heat required to raise the temperature of one pound of water, one de-ree, according to the scale of Fahren-

heating surface become hot, therefore much more rapidly than those remot from it. In the absence of all circulation, by means of which the cold molecules could be brought in contact with such surface, the heating of water would be a very slow, if not impossible, precess. Nature produces a slow circulation, how-ever, by means of the varying specific gravity of the molecules as they become unequally heated. The advantage, therefore, of a very rapid mechanical of these facts, some estimate of the correction of the water in a thin sheet of Dr. Blanchard's new system to world may be formed. It means that mad of lasting one century, the world's supply may be eked out to last from to thirty centuries, for he really according to the contact with such heating as many molecules of the water into direct contact with such heating smooth road he never traveled on. In a strain of the water in a thin sheet of lasting one century, the world's supply may be eked out to last from the contact with such heating smooth road he never traveled on. In a strain of the water in a thin sheet of lasting one century, the world's supply may be eked out to last from the contact with such heating of the water in a thin sheet of lasting one century the world's supply may be eked out to last from the contact with such heating the contact with such he

TO THE ROCKIES.

At length Kansas City is reached, after a most delightful trip. Here the tourist must alight, and he will see one of the most flourishing, busy, energetic cities the United States can beast. On the hills are elegant manaions, with beautiful grounds around them. The busy streets have handsome stores and grand churches. The traveler is now 487 miles from Memphis. Presuming him to make Salt Luke City and Ogden his farthest point, he will find it wise to take his next

surface as possible, is apparent, and is provided for in the Blanchard boiler by means of a series of double tubes, one within the other, through which the water is forcibly circulated, first through the inner tube, and then through the space between the two in a thio, surface sheet, by the use of a scrieve properlike in it. On the ears plungs, along the safe, by the use of a scrieve properlike in it. On the ears plungs, along the safe properlike in it. On the ears plungs, along the safe properlike in it. On the ears plungs, along the safe properlike in it. On the ears plungs, along the safe properlike in it. On the ears plungs, along the safe properlike in it. On the ears plungs, along the safe properlike in it. On the ears plungs, along the safe properlike in the ears plungs, along the safe properlikes are less perpendicular, but overhanging and strangely contorted masses continually catch the eye and turns round sweeping curves and jutting and turns round sweeping curves a of the water supply pipe, which increases the natural circulation of the water, of from four to six inches per second, as exhibited in the ordinary steam boiler, to a standard rapidity of twenty feet per second, thus making the absorbing capacity of every square foot of its heating

erprising one, and will repay a look DELSARTE SYSTEM

THE RIPT IN THE BOCKS. Thus far the journey has been on the great plain, the footstool above which the mighty summits are enthroned. Is

plants come into view, the company straighten themselves up in their seats and breathe a sigh of relief as if they had and breathe a sigh of relief as if they had a sigh of relief as if they

and breathe a sigh of relief as if they had been under the influence of an oppression that was more than natural. But not a night mare dread—for amid all the awe, and sternness and grandeur there is mingled a delight of a kind rarely experienced, which the least susceptible feel, but which the poet alone can ind a name for.

11,000 PEET ABOVE THE SEA.

The Arkansas, a majestic river as it along the praries of Kansas and under the thick woods of the State it gives its name to, is here a mere ereck in appearance, brawling and foaming among broken masses of rock that have at some time fallen from the sides and summits that his instruction—Rachel, Sontag, Pasca,

overhanging and strangely contorted masses continually catch the eye and arouse admiration. The road twists and turns round sweeping curves and jutting angles, buried deep in the wild and solitary mountain recesses, where no hut, no sound of voice, no call of herd or flock intrudes on the silence, and where nature broods in endless watchfulness. For miles the cars glide sinuously at the foot of the mountains, then another wonder

same phenomenon was shown with the forearm, then the entire arm, and so folforearm, then the entire arm, and so followed in quick succession examples of the waist, spine, hips, knows has, toes, jaws, eyelids; then the entire body fell. A corpse was before me; all vital force had seemingly withdrawn into the reservoir at the base of the brain. I was amazed. He then explained to me that these exercises freed the channels of expression, and the current of nervous force rushed through them like a stream in an unimpeded channel, unclogged by obstacles. He named the exercises decomposing, enjoined on me to buy a large mirror which should reflect my entire figure, and faithfully to practice before it many hours a day, if I wished rapid results.

shroud of pearl, ir queen of the Assyrian plain, the sounce of joyous revelry ou hastrisen to earth again; a vances roll the vapors roll from thy face of gold To the music's mystic strain. With thrillant fires of thossophy
The heavens are all agleam
As they famed in the slient solitudes,
In the Chalitean shepherd's dream,
When he steeped his sout in the actherial dept
On the banks of the Assyrian stream.

On the waters float
Many a jewsled boat,
Borne away by the perfumed breeze
To the festive half of the Assyrian king
That flashes 'mid the left to trees;
There star gems shine
With lights divine
Above o'er a revelrous throng,'
And twinkle in time to the melody
Or the dance and the festive song.

Or the dance and the festive song.

The kine descends from his purple throne To join in the revolry.

"O. crystal bowl,
Thine's the immortal soul,
Though king, I bend to thee."
Fill up the goblets to the brim,
We'll langh at death's abyes,
Life sparkles in the crimeon wine,
There's never death in this.
Life lingers in the ruby lips
Fashioned to kiss.
Life lingers in the ruby lips
Fashioned to kiss.
Life lies in the shimmering hair,
Where's diadem.
No flowery sphere in yonder skies
Could fix to vie with them.
Life lies in the shimmering hair,
Wherein the san-god's ray
Shot from the purple bow of air
I pon a summer's day,
too't tangled in the tresses there.
Life lies in the reseate flood
That mantles o'er the pearl.
Life wills the sovereign law of blood
Wherein the passions whiff.
The palaces of the Assyrians were open on to

MONTEAGLE.

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Visitors Pouring is and the Hotel Grad-

only place on the continent where such a conjunction of happy circumstances and possibilities exist. No dissipation to disturb the timid and everything suggested that can stimulate a conjunction of happy circumstances and about the timid and everything suggested that can stimulate a conjunction of the conjunction of

that can stimulate a proper conception of
the social requirements of our nature.

Fairmount College, for young ladies,
which has been in successful operation
since 1873, is prospering under the principal, Mr. Silas McBee. The school
was founded by Mrs. H. B. Keles and
Mrs. Yerger, who by their influence and
test secured to it a rountation for being tars. rerger, who by their influence and tact secured to it a reputation for being high standard social as well as intelletual. Both of these estimable ladies are in very delicate health. al. Both of these estimable ladies are in very delicate health, their lives having been in peril this past winter. Mr. McBee, in addition to a carcareful rearrangement of the grounds, has pushed with commendable zeal the building of the Episcopal church here. The walls, of cut sandstone, are ready for the roof. The bishop is to give us stained windows as a gift, here, as elsewhere fulfilling his destiny to beautify the Church of the living God. Quite a number of Memphis girls, who have a number of Memphis girls, who have a constitution in a society as belies. been conspicuous in society as belles, received their inspiration from this truly commendable school. Mrs. McBee was a daughter of Mrs. E. C. Sutton, a talented and most cultivated lady, now here for the summer, and is a sister of Miss E. C. Sutton, the Southern artist.

COBDEN.

The Executive Committee and a num-ber of the trustees met here yesterday for the transaction of business and discussion, with the following results:

Mr. Jones Buchahan was superseded by Mr. Paton, who will have charge of grounds and restaurant. Mr. Buchanan was highly commended for the creditable



REMOVED

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SYMPTOMS OF A
TORPID LIVER.
Loss of appetite, Bowels coative, Pain in
the head, with a dull sensation in the
back part. Fain under the shoulderblade, Fullness after eating, with a disinclination to exercion of body cassiind,
Irritability of temper, Low spirits, with
a feeling of having neglected some duty.
We still the still before the still before the FARMING TOOLS & SEEDS. Weariness, Dizziness, Fluttering at the Heart, Data before the eyes, Hendach over the right eye, Restleamens, with stell dreams, Highly colored Urine, and CONSTIPATION.

TOTT'S FILLS are especially adapted to such cases, one dose effects such in the sufferer of feeling astonatonish the sufferer SUGGS & PETTIT pange officeing astonatoming the superer. They Increase the Appetitional cause the ody to Take on Flesh, thus the system is neutrished, and sy their Tonic Actions on the Digustive Organis, Regular Stools for seduced. Frice 25c. 44 Flurray St., N. V. TUTT'S EXTRACT SARSAPARILLA

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232 and 234 Front St., Memphis, Tenn. Mr. I. N. RAINEY dayotes his whole time to the Weighing and Sale of all Cotton intrusted to our charge. Sottop Warehouse, 55 Washington street.

NOTICE.

IN consequence of continued ill-health I have this day disposed of my entire interest in the firm of A. B. TREADWELL & CO. to A. B. TREADWELL, who will continue the business under S. S. TREADWELL

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